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WATER SUPPLY OUTLOOK FOR NEVADA

Prepared by

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

**NEVADA DEPARTMENT of CONSERVATION and NATURAL RESOURCES
DIVISION of WATER RESOURCES**

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed on the last page of this report.

AS OF
APR. 1, 1971

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters of key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	12417 Federal Building, Denver, Colorado 80202
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 970, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84111
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR NEVADA

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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TABLE OF CONTENTS

INDEX OF NEVADA SNOW COURSES (By Basin)	i
PROSPECTIVE WATER SUPPLY FOR NEVADA (Map)	ii
WATER SUPPLY OUTLOOK FOR NEVADA	1 and 2
NEVADA STREAMFLOW FORECASTS	3 and 4
SPECIAL FORECASTS AND SOIL MOISTURE MEASUREMENTS	5
STORAGE STATUS OF NEVADA RESERVOIRS	6
SNOW COURSE MEASUREMENTS	7
TELEMETERED SNOW DATA	8

DETAILED WATER SUPPLY OUTLOOK BY MAJOR AREAS:

Truckee, Carson, and Walker Watersheds	Area 1
Surprise Valley, California, and Northwest Nevada	Area 2
Humboldt and Owyhee Watersheds	Area 3
East Central and Southern Nevada	Area 4

LIST OF COOPERATORS	Inside Back Cover
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ALL AVERAGES ARE FOR 1953-67 PERIOD



AREA LOCATIONS

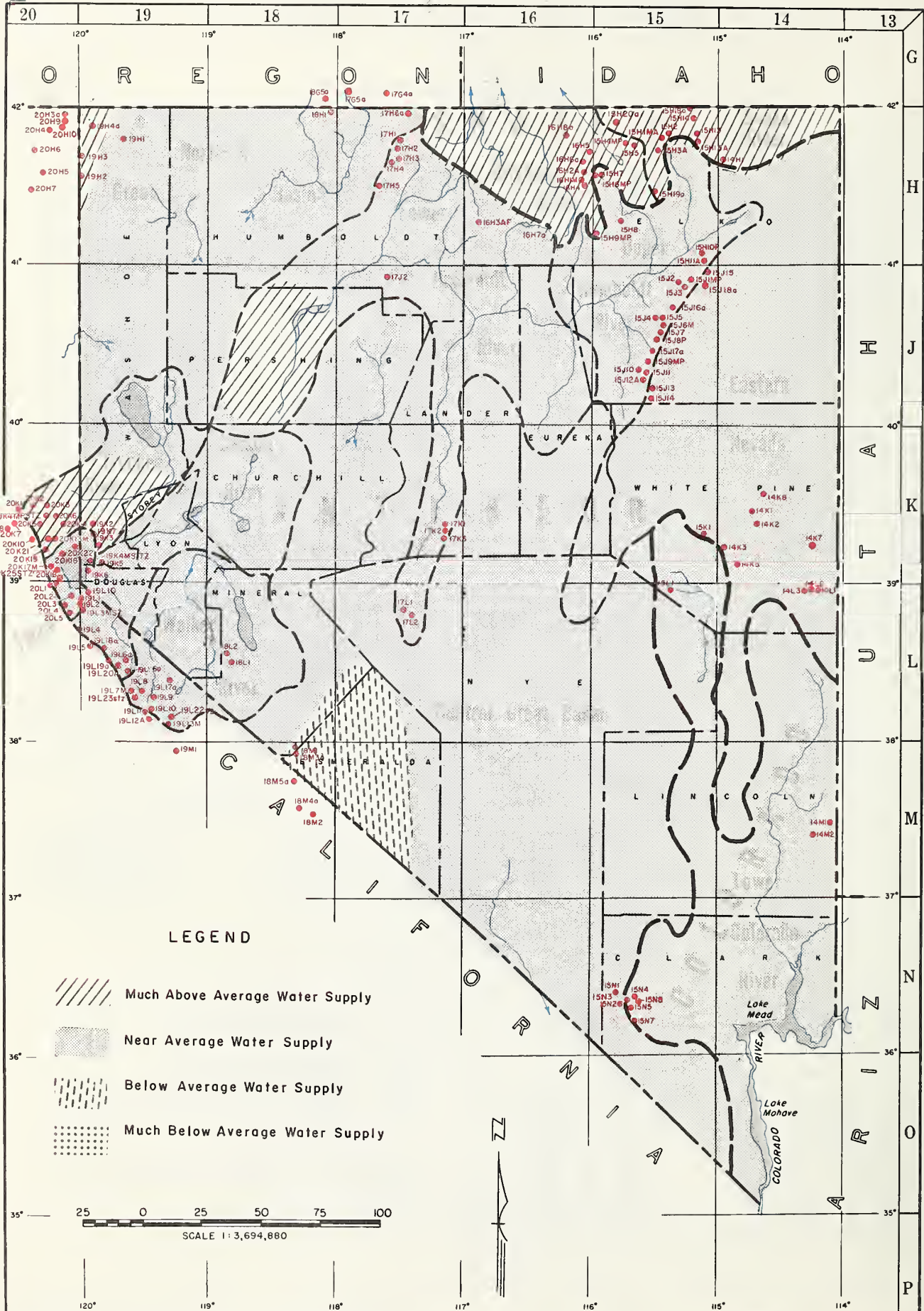
INDEX TO NEVADA SNOW COURSES

(By Basins)

Refer to the map on the following page for Snow Course locations.

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.	NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.
SNAKE RIVER BASIN						LAKE TAHOE					
SNAKE RIVER						TRUCKEE RIVER					
15H1MA	BEAR CREEK	31	46N	58E	7800	20K14	BOCA #2 (CAL.)	28	18N	17E	5900
15H2	FOX CREEK	33	46N	58E	6800	20K22	BROCKWAY SUMMIT (CAL.)	3	17N	16E	7100
15H13A	GOAT CREEK	31	46N	60E	8800	20K21	CONNER PARK #2 (CAL.)	18	17N	16E	6000
15H15A	HUMMINGBIRD SPRINGS	6	45N	60E	8945	20K10*	CONNER SUMMIT (CAL.)	25	17N	14E	6900
14H1	JACKS CREEK	6	42N	62E	7000	20K7*	FORGYCE LAKE (CAL.)	34	18N	13E	6500
15H20B	MERRITT MOUNTAIN	10	46N	54E	7000	20K8	FURNACE FLAT (CAL.)	10	17N	13E	6700
15H14.	POLE CREEK RANGER STATION	13	46N	59E	8330	19L10	HEAVENLY VALLEY	1	12N	17E	8850
15H18a	REO POINT	15	47N	61E	7940	20K4MP	INDEPENDENCE CAMP (CAL.)	34	19N	15E	7000
15H3A	76 CREEK	6	44N	58E	7100	20K3	INDEPENDENCE CREEK (CAL.)	14	19N	15E	6500
15H19a	STAG MTN.	29	41N	58E	7800	20K5	INDEPENDENCE LAKE (CAL.)	9	18N	15E	8450
OWYHEE RIVER						19K3	LITTLE VALLEY	17	16N	19E	6300
15H4MP	BIG BENO	30	45N	56E	6700	19K2	MT. ROSE	7	17N	19E	9000
16H6a	COLUMBIA BASIN	31	44N	53E	6650	19K7	MT. ROSE 5K1 AREA	30	17N	19E	9000
16H8a	FAWN CREEK	2	45N	52E	7000	20K6	SAGE HEN CREEK (CAL.)	7	18N	16E	6500
15H5	GOLD CREEK	32	45N	56E	6600	20K19	SOUAW VALLEY #2 (CAL.)	6	15N	16E	7500
16H1M	JACK CREEK, LOWER	18	42N	53E	6800	20K13M	TRUCKEE #2 (CAL.)	22	17N	16E	6400
16H2A	JACK CREEK, UPPER	9	42N	53E	7250	20K2	WEBBER LAKE (CAL.)	29	19N	14E	7000
16H4	JACKS PEAK	28	42N	53E	8420	20K1*	WEBBER PEAK (CAL.)	30	19N	14E	8000
16H5	LAUREL DRAW	20	45N	53E	6700	CARSON RIVER					
17G4a	LOUSE CANYON (OREG.)	27	40S	44E	6440	19L5	BLUE LAKES (CAL.)	30	9N	18E	8000
15H9MP	TAYLOR CANYON	35	39N	53E	6200	19L4	CARSON PASS, UPPER (CAL.)	22	10N	18E	8600
INTERIOR						19K5	CLEAR CREEK	6	14N	19E	7300
UPPER HUMBOLOT RIVER						19L19a	EBBETTS PASS (CAL.)	17	8N	20E	8700
15J17B	AMERICAN BEAUTY	32	31N	58E	7800	19L16a	FISH VALLEY, UPPER (CAL.)	18	7N	22E	8050
15J12A	CORRAL CANYON	27	28N	57E	8500	19L06a	POISON FLAT (CAL)	25	8N	21E	7900
15J1MP	OORSEY BASIN	28	35N	60E	8100	19L18a	WET MEADOWS LAKE (CAL.)	26	9N	19E	8100
15J3	ORY CREEK	5	34N	60E	6500	19L20a	WOLF CREEK (CAL.)	35	8N	20E	8000
15H7	FRY CANYON	31	43N	54E	6700	WALKER RIVER					
15J9MP	GREEN MOUNTAIN	23	29N	57E	8000	19L11	BUCKEYE FORKS (CAL.)	20	4N	23E	8500
15J10	HARRISON PASS #1	19	28N	57E	6500	19L10	BUCKEYER ROUGHS (CAL.)	15	4N	23E	7900
15J11	HARRISON PASS #2	19	28N	57E	7400	19L12A	CENTER MOUNTAIN (CAL.)	4	3N	23E	9400
15J4	LAMOILLE #1	15	32N	58E	7100	18L1	LAPON MEADOW	36	8N	28E	9000
15J5	LAMOILLE #2	14	32N	58E	7200	19L8	LEAVITT MEADOWS (CAL.)	4	5N	22E	7200
15J6M	LAMOILLE #3	24	32N	58E	7700	19L17B	LOBLOLL LAKE (CAL.)	20	7N	24E	9200
15J7	LAMOILLE #4	19	32N	59E	8000	18L2	MT. GRANT	23	8N	28E	9000
15J8P	LAMOILLE #5	31	32N	59E	8700	19L7M	SONORA PASS (CAL.)	1	5N	21E	8800
15J18a	POLE CANYON	31	35N	61E	9140	19L23STZ	SONORA PASS BRIDGE	6	5N	22E	8800
15J16a	ROBINSON LAKE	23	33N	59E	9200	19M1*	TIOGA PASS (CAL.)	30	1N	25E	9900
15H6MP	ROOEO FLAT	36	43N	53E	6800	19L13M	VIRGINIA LAKES (CAL.)	5	2N	25E	9500
15J2	RYAN RANCH	1	34N	59E	5800	19L9	WILLOW FLAT (CAL.)	21	5N	23E	8250
15H8	TREMEAN RANCH	9	39N	55E	5700	19L22 #2	VIRGINIA LAKES RIDGE	32	3N	25E	9200
15H10P	TROUT CREEK, LOWER	28	37N	61E	6900	COLORADO					
15H11A	TROUT CREEK, UPPER	4	36N	61E	8500	LOWER COLORADO RIVER					
LOWER HUMBOLOT RIVER						15N5	KYLE CANYON	27	19S	56E	8200
17K1	BIG CREEK CAMP GROUND	10	17N	43E	6600	15N4	LEE CANYON #1	10	19S	56E	8400
17K2	BIG CREEK MINE	23	17N	43E	7600	15N3	LEE CANYON #2	9	19S	56E	9200
17K3	BIG CREEK, UPPER	26	17N	43E	7800	15N8	LEE CANYON #3	10	19S	56E	8500
17H2	BUCKSKIN, LOWER	25	45N	39E	6700	14M1	MATHEW CANYON	10	6S	70E	6000
17H1	BUCKSKIN, UPPER	11	45N	39E	8200	14M2	RAINE CANYON	23	6S	69E	6200
17L1	CORRAL, LOWER	12	11N	40E	7500	15N7	RAINBOW CANYON #2	6	20S	57E	8100
17L2	CORRAL, UPPER	20	11N	41E	8000	15L1	WHITE RIVER #1	31	13N	59E	7400
17J2	GOLCONDA #2	22	35N	39E	6000	LEGEND					
17H4	GRANITE PEAK	22	44N	39E	7800	NUMBERING SYSTEM (EXAMPLE)					
17H5	LAMANCE CREEK	13	42N	38E	6000	19K4	SNOW COURSE ONLY				
17H3	MARTIN CREEK	18	44N	40E	6700	19K45	SNOW COURSE AND SNOW PILLOW				
16H3AP	MIGAS	18	39N	46E	7200	19K4M	SNOW COURSE AND SOIL MOISTURE				
16H7	TOE JAM #	29	40N	50E	7700	19K4A	SNOW COURSE AND AERIAL MARKER				
EASTERN NEVADA						19K4P	SNOW COURSE AND STORAGE PRECIPITATION GAGE				
14L1	BAKER #1	29	13N	69E	7950	19K4MA	SNOW COURSE, SOIL MOISTURE AND AERIAL MARKER				
14L2	BAKER #2	30	13N	69E	8950	19K4MP	SNOW COURSE, SOIL MOISTURE AND PRECIPITATION GAGE				
14L3	BAKER #3	25	13N	68E	9250	19K4STZ	SNOW COURSE, SNOW PILLOW AND TEMPERATURE RADIO TELEMETERED.				
14K2	BERRY CREEK	26	17N	65E	9100	LOWER CASE LETTERS m, a, d, s, i, z, INDICATE NO SNOW COURSE, ONLY A SOIL MOISTURE STATION, AERIAL MARKER, STORAGE PRECIPITATION GAGE, SNOW PILLOW, TEMPERATURE, OR RADIO TELEMETERED.					
14K1	BIRD CREEK	34	19N	65E	7500	*LOCATED ON ADJACENT WATERSHED					
15J13	CAVE CREEK	25	27N	57E	7500						
15J14	HAGER CANYON	34	27N	57E	8000						
15J15	HOLE-IN-MTN	6	35N	61E	7900						
14K8	KALAMAZOO CREEK	34	20N	65E	7400						
14K3	MURRAY SUMMIT	25	16N	62E	7250						
15K1	ROBINSON SUMMIT	34	18N	61E	7600						
14K7	SILVER CREEK #2	30	16N	69E	8000						
14K5	WARD MOUNTAIN #2	25	15N	62E	8900						
CENTRAL GREAT BASIN											
18M2	CAMPITO MTN (CAL.)	19	55	35E	10200						
18H5a	CHIATOVICH FLAT	32	25	34E	10500						
15M2	CLARK CANYON	8	19S	56E	9000						
18M1	MONTGOMERY PASS	4	1N	33E	7100						
18M3a	PINCHOT CREEK	28	1N	33E	9300						
18M4a	PIUTE PASS (CAL.)	33	4S	33E	11700						
15N1	TROUGH SPRINGS	23	18S	55E	8500						
NORTHERN GREAT BASIN											
19H1	BALO MOUNTAIN	17	45N	21E	6720						
20H5	BARBER CREEK (CAL.)	23	39N	16E	6500						
20H6	CEGAR PASS (CAL.)	12	43N	14E	7100						
18G6a	DENIO CREEK (OREG.)	14	41S	34E	6000						
18H1	DISASTER PEAK	8	47N	34E	6500						
20H3a	EL SHAL SWAMP (CAL.)	31	48N	22E	7000						
20H7	EAGLE PEAK (CAL.)	35	40N	15E	7200						
19H3	49-MTN	7	42N	19E	6000						
19H2	HAYS CANYON	1	39N	18E	6400						
19H4a	LITTLE BALLY MTN	8	45N	19E	6000						
20H9	MT. BIOWELL	6	47N	16E	7200						
20H10	NORTH STAR	13	47N	15E	6200						
17G5a	OREGON CANYON (OREG.)	9	40S	40E	7240						
17H5a	QUINN RIDGE	9	47N	41E	6300						
20H4	RESERVATION CREEK (CAL.)	12	46N	15E	5900						
18G5a	TROUT CREEK (OREG.)	10	41S	38E	7800						

PROSPECTIVE WATER SUPPLY FOR NEVADA



WATER SUPPLY OUTLOOK FOR NEVADA

AS OF APRIL 1, 1971, NEVADA'S WATER SUPPLY IS PREDICTED TO BE AVERAGE TO MUCH ABOVE AVERAGE FOR THE SPRING AND SUMMER SEASON. SNOWFALL DURING MARCH WAS NEARLY TWICE THE AMOUNT NORMALLY RECEIVED.

THE MOUNTAIN SNOWPACK IS GENERALLY ABOVE NORMAL THROUGHOUT THE STATE. THE SNOW WATER CONTENT RANGES FROM 147 PERCENT OF AVERAGE ON THE TRUCKEE RIVER DRAINAGE TO 99 PERCENT ON THE WALKER RIVER WATERSHED. OTHER WATERSHEDS THROUGHOUT THE STATE GENERALLY FIT INTO THIS RANGE, EXCEPT FOR THE FISH LAKE VALLEY AND MT. CHARLESTON AREAS WHICH ARE BELOW NORMAL.

RESERVOIR STORAGE REMAINS EXCELLENT, WITH ALL MAJOR RESERVOIRS CURRENTLY HOLDING 140 PERCENT OF THE AMOUNT USUALLY STORED ON THIS DATE.

Snow surveys taken near April 1 indicate the mountain area in northern Nevada received nearly double the amount of snowfall usually received in March. This increased the snowpack in the Truckee Watershed to 147 percent of average, the Warner Mountains in northern California to 140 percent of average, and the Upper Owyhee and Snake River Watersheds in northeastern Nevada to 150+ percent of average. Generally, the snowpack on the Humboldt River and its major tributaries is 105 to 120 percent of normal. The Walker and Carson River Drainages are similar, with a 99 and 115 percent of average snowpack, respectively. The high elevations in White Pine County still have a near normal snowpack. Much of the snow cover in the remainder of central and southern Nevada has already melted, or is melting rapidly.

Reservoir storage is excellent throughout the state. All major reservoirs are storing more water than is normal for this date. The new Wild Horse Reservoir on the Owyhee River is nearing capacity, with 62,000 acre-feet of storage. Rye Patch Reservoir on the Lower Humboldt River currently is impounding 190,000 acre-feet of water, which insures water users below the system excellent supplies this season. Current storage on the Truckee River is over 700,000 acre-feet. Lahontan Reservoir has 110 percent of average storage. Topaz and Bridgeport Reservoirs on the Walker River are nearly full.

Streamflow is predicted to be 145 percent of average on the Truckee River this year. The Carson River will flow about 115 percent of average, and the East and West Forks of the Walker River are forecast to flow 95 and 105 percent of average, respectively. The Humboldt River is forecast to flow 170,000 acre-feet for the April-July period, which is 110 percent of average. Major tributaries of the Humboldt River are forecast to produce ten to twenty percent greater than normal flows this summer. The Owyhee and Salmon Falls Creek Drainages are forecast to flow 156 and 180 percent of average, respectively. Streamflow forecasts in the Surprise Valley area indicate flows will be about 140 percent of average this year.



STREAMFLOW FORECASTS (Thousand Acre Feet) as of: April 1, 1971

Forecasts are based on snow-water presently stored in the mountain watersheds and the assumption that precipitation will be near average throughout the forecast period. Peak flow forecasts indicate the most probable range for the maximum average 24-hour flow. All averages are for 1953-67 period.

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average +
<u>TRUCKEE RIVER</u>				
Little Truckee River above Boca, Calif. ¹	Apr.-July	121	150	81
Truckee River at Farad, Calif. ^{1,2}	Apr.-July	375	145	258
Lake Tahoe Rise in Feet (From April 1 assuming gates closed) ²	Apr.-High	1.71	123	1.39
<u>CARSON RIVER</u>				
East Carson near Gardnerville, Nevada	Apr.-July	196	112	175
West Carson at Woodsfords, Calif.	Apr.-July	60	118	51
Carson River near Carson City, Nevada	Apr.-July	190	115	166
Carson River at Fort Churchill, Nevada	Apr.-July	170	113	150
<u>WALKER RIVER</u>				
East Walker near Bridgeport, Calif. ¹	Apr.-Aug.	57	95	60
West Walker below Little Walker near Coleville, Calif.	Apr.-July	150	105	143
<u>COLORADO RIVER</u>				
Virgin River at Virgin, Utah	Apr.-June	34	89	38
<u>HUMBOLDT RIVER</u>				
Lamoille Creek near Lamoille, Nevada	Apr.-July	28	113	25
South Fork Humboldt near Elko, Nevada	Apr.-July	68	117	58
Marys River above Hot Springs, Nevada	Apr.-July	35	125	28
North Fork Humboldt at Devil's Gate, Nevada	Apr.-July	28	107	26
Humboldt River at Palisade, Nevada	Apr.-July	170	110	154
Humboldt River at Comus, Nevada	Apr.-July	119	108	110
Martin Creek near Paradise, Nevada	Apr.-July	16	114	14

STREAMFLOW FORECASTS (Thousand Acre Feet) as of: April 1, 1971

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average +
<u>SNAKE RIVER</u>				
Owyhee River near Owyhee, Nevada ¹	Apr.-July	91	152	60
Owyhee River near Gold Creek, Nevada ¹	Apr.-July	25	156	16
Salmon Falls Creek near San Jacinto, Nevada	Mar.-July	120	180	67
<u>SURPRISE VALLEY</u>				
Bidwell Creek near Ft. Bidwell, Calif.	Apr.-July	16.0	139	11.5
Mill Creek near Cedarville, Calif.	Apr.-July	6.7	142	4.7
Deep Creek near Cedarville, Calif.	Apr.-July	4.6	138	3.3
Eagle Creek near Eagleville, Calif.	Apr.-July	6.0	139	4.3
¹ Corrected for storage ² Forecast issued by Truckee Basin Committee				

+ 1953-1967 period.

PEAK FLOWS (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Little Truckee River - Inflow to Stampede Reservoir	1300 - 1575	902
East Fork Carson River near Gardnerville, Nevada	1750 - 1900	1724
Carson River near Carson City, Nevada	1800 - 1950	1825
Carson River at Fort Churchill, Nevada	1650 - 1735	1678
West Walker River below Little Walker near Coleville, Calif.	1500 - 1750	1548

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
East Carson River near Gardnerville, Nevada	200	7/24	7/23

SOIL MOISTURE MEASUREMENTS

STATION	Profile (Inches)		Soil Moisture (Inches)		
	Depth	Capacity	Date	This Year	Average †
<u>OWYHEE-HUMBOLDT BASIN</u>					
Bear Creek	72	16.9	3/28	10.8	12.9 *
Big Bend	48	16.7	3/24	16.7	15.9 *
Rodeo Flat	42	11.0	3/24	5.7	10.8 *
Taylor Canyon	48	15.1	3/29	15.1	14.0 *
<u>TAHOE-TRUCKEE BASIN</u>					
Hagans Meadow	36	3.7	4/1	2.9	3.5 *
Independence Camp	34	6.1	3/29	2.7	5.6 *
Marlette Lake	50	3.7	3/25	2.1	3.3 *
Truckee #2	48	3.6	3/30	2.2	3.5 *
Ward Creek	49	5.8	3/31	4.1	5.8 *
<u>WALKER BASIN</u>					
Sonora Pass	48	8.3	3/29	8.1	8.3 *
Virginia Lakes Ridge	40	5.0	3/25	2.3	
* Adjusted average					

† 1953-1967 period.

RESERVOIR STORAGE (Thousand Acre Feet) as of April 1, 1971

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
Owyhee	Wild Horse	72	62	14	18
Lower Humboldt	Rye Patch	179	190	181	84
Colorado	Mohave	1,810	1,666	1,609	1,695
Colorado	Mead	27,217	16,289	16,597	16,070
Tahoe	Tahoe	732	560	611	431
Truckee	Boca	41	33	27	11
Truckee	Stampede	220	106	81	**
Truckee	Prosser ***	30	9	10	9 *
Carson	Lahontan	286	237	246	217
West Walker	Topaz	59	50	60	44
East Walker	Bridgeport	42	43	43	34
* Adjusted average					
** Storage began August 1, 1969					
*** Flood control use allocation of 20,000 acre-feet between November 1 and April 10.					

TOTAL RESERVOIR STORAGE (Thousand Acre Feet)

MONTH	This Year	Last Year	Average †
October 1	936	999	656
January 1	1,026	1,062	660
February 1	1,072	1,255	715
March 1	1,105	1,206	768
April 1	1,175	1,182	839
May 1		1,167	890
The above data developed from Wild Horse, Rye Patch, Tahoe, Boca, Lahontan, Topaz, and Bridgeport Reservoirs in 1,000 Acre-Feet.			
TOTAL USABLE CAPACITY 1,411			

† 1953-1967 period.

SNOW COURSE MEASUREMENTS

SNOW COURSE MEASUREMENTS		THIS YEAR		PAST RECORD		
DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME					Last Year	Average †
<u>LAKE TAHOE</u>						
Echo Summit (Calif.)	3/31	95	39.9	29.4	33.8	
Freel Bench (Calif.)	4/1	33	13.9	4.2	9.6	
Glenbrook #2	3/27	48	16.1	9.8	11.1	
Hagans Meadow	4/1	40	15.6	14.3	16.4	
Heavenly Valley	3/30	84	33.4	26.2	-	
Lake Lucille (Calif.)	3/29	174	69.5	64.1	56.3	
Marlette Lake	3/26	56	21.0	21.7	20.1	
Richardsons #2 (Calif.)	3/27	51	20.5	10.2	14.9	
Rubicon #1 (Calif.)	3/29	162	61.7	47.9	47.2	
Rubicon #2 (Calif.)	3/29	89	36.7	27.8	28.3	
Tahoe City (Calif.)	Course Destroyed			0.0	8.1	
Upper Truckee (Calif.)	4/1	31	12.9	3.6	6.8	
Ward Creek #2 (Calif.)	3/31	122	53.9	35.0	42.3	
Ward Creek #3 (Calif.)	3/31	112	49.9	29.8	-	
<u>TRUCKEE RIVER</u>						
Boca #2 (Calif.)	3/29	20	8.0	0.0	3.7	
Brockway Summit (Calif.)	3/27	53	20.7	11.8	13.4*	
Donner Park #2 (Calif.)	3/29	64	27.8	8.7	17.5*	
Donner Summit (Calif.)	3/29	112	53.4	27.5	35.1	
Fordyce Lake (Calif.)	3/24	117	57.5	25.7	40.0	
Furnace Flat (Calif.)	4/2	122	71.0	37.8	46.8*	
Independence Camp (Calif.)	3/29	77	32.1	14.7	22.0	
Independence Creek (Calif.)	3/29	47	19.3	4.8	12.8	
Independence Lake (Calif.)	3/29	142	56.4	39.7	40.5	
Little Valley	3/30	27	12.0	1.3	6.0*	
Mt. Rose	3/29	112	48.5	32.7	32.4	
Mt. Rose Ski Area	3/31	123	49.8	43.9	-	
Sage Hen Creek (Calif.)	3/30	61	26.6	9.4	16.8	
Squaw Valley #2 (Calif.)	3/29	154	59.9	48.3	47.6*	
Truckee #2 (Calif.)	3/30	51	20.3	7.8	14.2	
Webber Lake	Delayed			24.8	31.1	
Webber Peak	Delayed			42.3	42.5	
<u>CARSON RIVER</u>						
Blue Lakes	3/30	106	44.9	35.7	33.0	
Carson Pass, Upper (Calif.)	4/1	92	40.5	32.1	33.7	
Clear Creek	3/30	44	17.5	10.7	11.6	
Ebbetts Pass (Calif.)	4/3	53	20.1a	33.2a	-	
Fish Valley, Upper (Calif.)	4/3	35	13.3a	12.0a	15.4*	
Poison Flat	4/3	24	9.1a	10.4a	13.9*	
Wet Meadows Lake (Calif.)	4/3	58	23.2a	21.6a	-	
Wolf Creek (Calif.)	4/3	70	28.0a	24.8a	-	

† 1953-1967 period.

SNOW COURSE MEASUREMENTS

SNOW COURSE MEASUREMENTS		THIS YEAR			PAST RECORD	
DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	Snow Depth (inches)	Water Content (Inches)	Water Content (inches)	
NAME	Last Year				Average †	
<u>WALKER RIVER</u>						
Buckeye Forks (Calif.)	3/30	59	25.4	19.7	19.0	
Buckeye Roughs (Calif.)	3/30	45	18.7	13.4	17.8	
Center Mountain	3/31	95	38.2	34.6	34.6	
Leavitt Meadow (Calif.)	3/26	8	4.8	1.6	6.4*	
Lobdell Lake	4/3	30	11.1a	11.2a	-	
Sonora Pass (Calif.)	3/26	68	25.0	19.6	22.6	
Tioga Pass (Calif.)	3/30	50	18.8	28.0	23.3	
Virginia Lakes (Calif.)	3/25	30	11.9	15.2	-	
Virginia Lakes Ridge (Calif.)	3/25	40	14.2	12.8	-	
Willow Flat (Calif.)	3/25	12	7.1	8.8	9.5	
<u>NORTHERN GREAT BASIN</u>						
Bald Mountain	3/26	5	1.4	0.6	2.5	
Barber Creek (Calif.)	3/31	35	13.5	8.4	10.3*	
Cedar Pass (Calif.)	4/4	54	21.2	14.2	15.0	
Denio Creek (Oreg.)	3/30	0	0.0a	0.0a	0.0*	
Disaster Peak	3/26	30	11.5	10.5	9.5	
Dismal Swamp (Calif.)	4/1	58	23.2a	18.4a	17.6*	
Eagle Peak (Calif.)	4/2	46	16.4	14.0	14.2	
49 Mountain	3/29	5	1.6	0.0	2.6*	
Hays Canyon	3/29	7	2.5	0.0	2.9*	
Little Bally Mountain	4/1	6	1.8a	0.0a	1.5*	
Mt. Bidwell	3/30	85	34.3	25.0	-	
Oregon Canyon (Oreg.)	3/30	2	0.6a	4.0a	4.4*	
Quinn Ridge	3/30	0	0.0a	0.0a	0.8*	
Reservation Creek (Calif.)	3/31	34	13.5	7.5	10.3*	
Trout Creek (Oreg.)	3/30	10	3.4a	8.0a	7.9*	
<u>SNAKE RIVER</u>						
Bear Creek	3/27	75	27.5	22.6	19.1	
Fox Creek	3/27	33	12.8	10.8	8.9*	
Goat Creek	3/27	73	27.2	19.5	18.3*	
Hummingbird Springs	3/27	93	35.6	25.8	22.0*	
Merritt Mountain	3/29	16	5.6a	4.3a	-	
Pole Creek Ranger Station	3/27	73	28.7	22.1	19.7*	
Red Point	3/27	45	17.1	12.7	10.2*	
76 Creek	3/27	41	13.2	15.4	10.9*	
Stag Mountain	3/29	10	3.6a	2.6a	-	
<u>OWYHEE RIVER</u>						
Big Bend	3/25	35	12.0	10.2	8.1	
Columbia Basin	3/29	17	5.8a	6.3a	-	
Fawn Creek	3/29	14	4.9a	3.6a	-	
Gold Creek	3/24	21	7.3	7.0	4.7	

+ 1953-1967 period.

SNOW COURSE MEASUREMENTS

SNOW COURSE MEASUREMENTS		THIS YEAR			PAST RECORD	
DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
NAME	Last Year				Average †	
OWYHEE RIVER (Continued)						
Jack Creek, Lower	3/27	0	0.0	0.0	2.8	
Jack Creek, Upper	3/26	35	12.1	10.5	9.8	
Jacks Peak	3/26	102	33.4	14.3	25.7*	
Laurel Draw	3/29	17	6.2	8.8	7.2*	
Louse Canyon (Oreg.)	3/30	0	0.0a	0.0a	1.6*	
Taylor Canyon	3/26	0	0.0	0.0	2.9	
UPPER HUMBOLDT RIVER						
American Beauty	3/29	19	6.3a	6.8a	-	
Corral Canyon	3/31	53	18.8	15.7	17.7	
Dorsey Basin	3/28	43	15.6	14.2	12.2	
Dry Creek	3/29	0	0.0	0.0	2.2	
Fry Canyon	3/25	16	5.0	8.5	6.3	
Green Mountain	3/31	38	12.5	9.9	12.7	
Harrison Pass #1	3/31	0	0.0	0.0	2.2	
Harrison Pass #2	3/31	0	0.0	T	4.2	
Lamoille #1	3/25	30	10.0	6.6	9.0	
Lamoille #2	3/25	19	7.3	7.4	8.7	
Lamoille #3	3/26	35	12.3	11.1	11.8	
Lamoille #4	3/25	63	23.4	19.1	17.9	
Lamoille #5	3/26	84	32.2	32.9	26.5	
Pole Canyon	3/29	44	16.3a	15.4a	-	
Robinson Lake	Marker Destroyed			30.5a	-	
Rodeo Flat	3/24	9	2.7	6.7	5.8	
Ryan Ranch	3/29	0	0.0	0.0	0.4	
Tent Mountain	3/29	72	26.6a	16.8a	-	
Tremewan Ranch	3/25	0	0.0	0.0	0.0	
Trout Creek, Lower	3/30	0	0.0	0.0	2.4	
Trout Creek, Upper	3/30	61	24.1	10.2	20.6	
LOWER HUMBOLDT RIVER						
Big Creek Campground	4/2	0	0.0	0.0	0.3	
Big Creek Mine	4/2	0	0.0	0.0	2.8*	
Big Creek, Upper	4/2	11	3.9	2.4	6.1*	
Buckskin, Lower	3/29	21	8.5	7.3	7.0	
Buckskin, Upper	3/29	21	7.7	12.8	9.2	
Corral, Lower	3/27	0	0.0	0.0	0.5*	
Corral, Upper	3/27	13	3.1	0.0	2.1*	
Golconda #2	3/25	3	0.9	T	2.7*	
Granite Peak	3/29	53	20.8	20.4	12.6*	
Lamance Creek	3/30	22	9.3	8.4	7.0*	
Martin Creek	3/29	19	8.1	9.8	8.2	
Midas	3/25	1	0.3	T	1.6*	
Toe Jam	3/29	24	9.1a	6.3a	-	

+ 1953-1967 period.

SNOW COURSE MEASUREMENTS

SNOW COURSE MEASUREMENTS		THIS YEAR		PAST RECORD		
DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Last Year				Average †	
EASTERN NEVADA						
Baker #1	3/25	19	5.3	4.0	5.3	
Baker #2	3/25	41	12.3	11.1	13.9	
Baker #3	3/30	53	17.4a	12.7a	16.0	
Berry Creek	3/31	52	17.2	13.1	14.1	
Bird Creek	3/29	1	0.4	0.6	2.2	
Cave Creek	Dropped			No survey	12.6 *	
Hager Canyon	Dropped			No survey	17.9 *	
Hole-in-Mountain	3/28	74	29.7	25.3	21.8 *	
Kalamazoo Creek	3/26	18	6.5	4.3	5.4 *	
Mt. Defiance	3/30	42	13.9a	15.0	-	
Murray Summit	3/29	0	0.0	0.0	1.4	
Robinson Summit	3/29	0	0.0	0.0	0.7	
Silver Creek #2	3/30	12	4.3a	2.5a	5.4 *	
Ward Mountain #2	3/30	10	3.8a	6.1a	13.2 *	
White River #1	3/30	0	0.0	0.0	1.0 *	
CENTRAL GREAT BASIN						
Campito Mountain (Calif.)	3/30	0	0.0	T	5.0 *	
Chiatovich Flat	4/3	0	0.0	0.0a	-	
Clark Canyon	3/30	5	1.9	3.8	5.6	
Montgomery Pass	3/29	0	0.0	0.0	0.4 *	
Pinchot Creek	4/3	0	0.0a	4.8a	4.7 *	
Piute Pass (Calif.)	4/3	0	0.0a	0.0a	6.9 *	
Trough Springs	3/30	0	0.0	3.0	3.8	
LOWER COLORADO RIVER						
Kyle Canyon	3/29	7	2.3	Destroyed	6.2	
Lee Canyon #2	3/29	8	2.9	6.3	6.8	
Lee Canyon #3	3/29	6	2.6	2.3	5.1 *	
Mathew Canyon	3/31	0	0.0	0.0	0.2	
Pine Canyon	3/31	0	0.0	0.0	0.2	
Rainbow Canyon #2	3/29	23	8.1	7.3	12.6	
NOTE: All averages based on 1953-67, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. a-Aerial marker; water content estimated. * 1953-67 adjusted average.						

+ 1953-1967 period.

U.S.D.A. SOIL CONSERVATION SERVICE DAILY RADIO REPORTS BY AUTOMATIC SNOW MEASURING STATION

DAILY 8 00 A.M. OBSERVATIONS

Redlined by

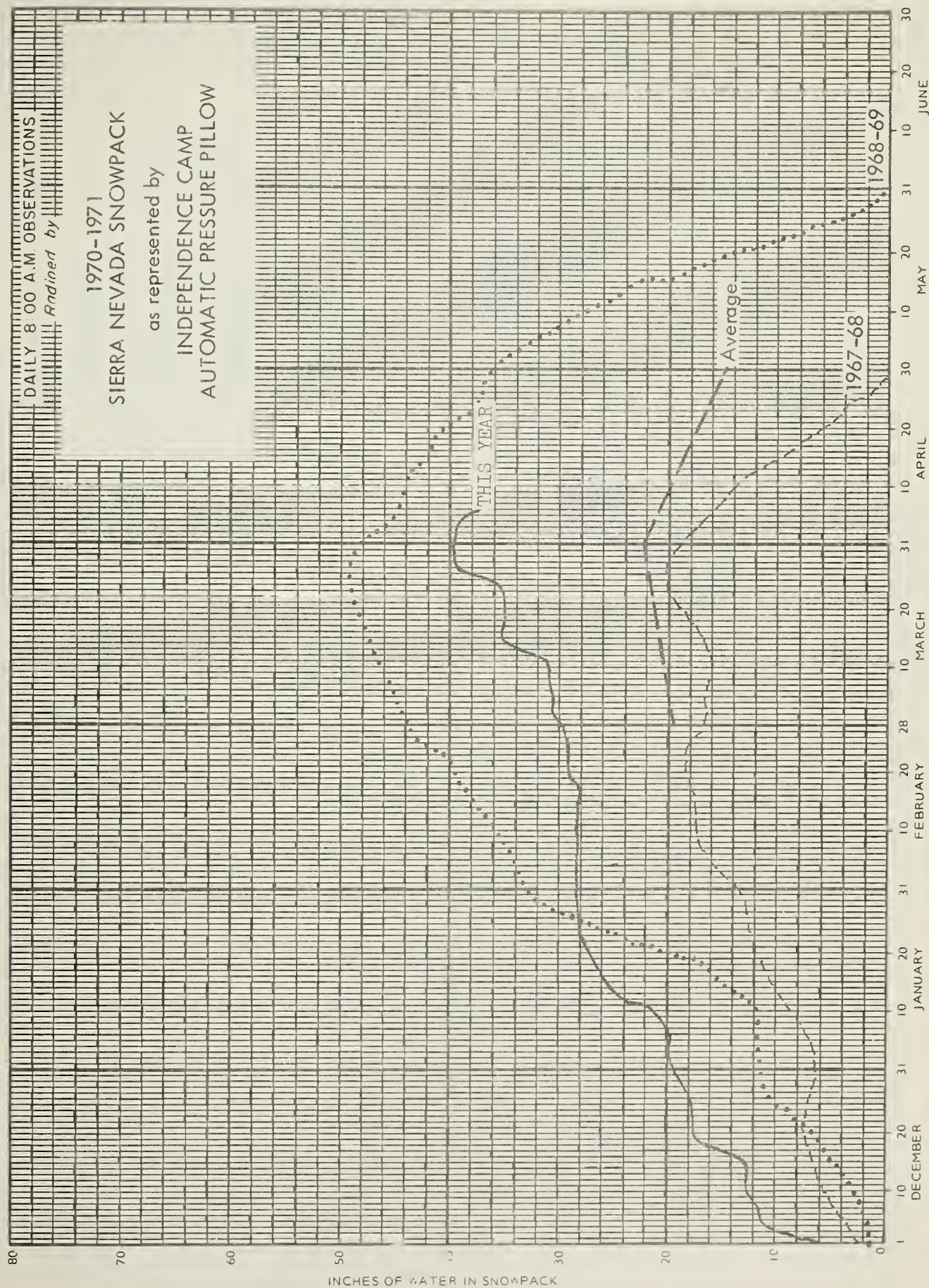
1970-1971

SIERRA NEVADA SNOWPACK

as represented by

INDEPENDENCE CAMP

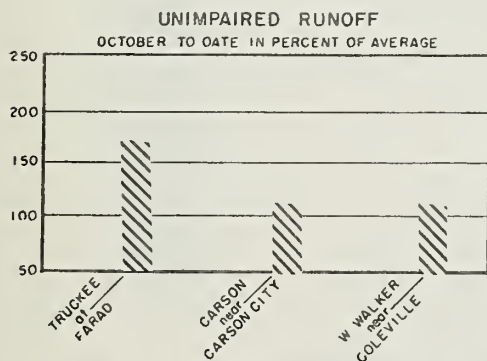
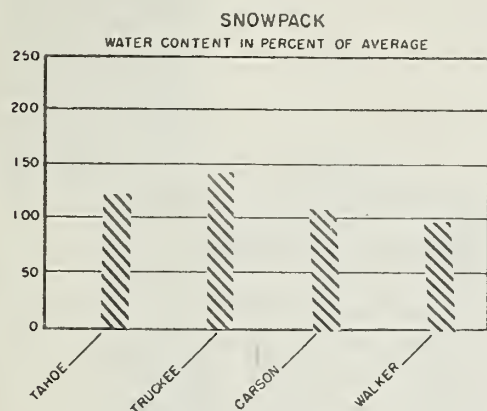
AUTOMATIC PRESSURE PILLOW



INCHES OF WATER IN SNOWPACK

WATER SUPPLY OUTLOOK

FOR THE SOIL CONSERVATION DISTRICTS IN THE TRUCKEE, CARSON and WALKER WATERSHEDS



THE APRIL 1, 1971, MOUNTAIN SNOWPACK ON THE EAST SLOPE OF THE SIERRA NEVADA RANGES FROM 147 PERCENT OF NORMAL ON THE TRUCKEE RIVER WATERSHED TO 99 PERCENT ON THE WALKER DRAINAGE. DURING MARCH THE SNOWFALL IN THE LAKE TAHOE AND TRUCKEE DRAINAGES WAS ALMOST TWICE THE AMOUNT USUALLY EXPECTED. THE CARSON AND WALKER DRAINAGES RECEIVED NORMAL OR SLIGHTLY ABOVE NORMAL SNOWFALL DURING THE MONTH. THE AUTOMATIC SNOW SENSORS LOCATED IN THE SIERRA RANGE INDICATE THIS YEAR'S PEAK SNOWPACK DEPOSITION OCCURRED ON MARCH 30.

RESERVOIR STORAGE THROUGHOUT THE TRUCKEE, CARSON, AND WALKER DRAINAGES IS EXCELLENT AT THIS TIME. CURRENTLY, THERE IS 124 PERCENT OF AVERAGE CARRY-OVER STORAGE IN THE THREE RIVER BASINS. TOPAZ AND BRIDGEPORT RESERVOIRS CONTAIN 93,000 ACRE-FEET, WHICH IS ONLY 8,000 ACRE-FEET BELOW CAPACITY. LAHONTAN IS FILLING AND CURRENTLY CONTAINS 237,000 ACRE-FEET.

STREAMFLOW FORECASTS RANGE FROM 150 PERCENT OF AVERAGE ON THE LITTLE TRUCKEE RIVER TO 95 PERCENT ON THE EAST WALKER RIVER. THE CARSON RIVER IS FORECAST TO FLOW BETWEEN 112 AND 118 PERCENT THIS YEAR. LAKE TAHOE IS FORECAST TO RISE 1.71 FEET, WHICH IS 123 PERCENT OF AVERAGE. THE ABOVE-NORMAL SNOWPACK COUPLED WITH THE EXCELLENT RESERVOIR STORAGE INSURES WATER USERS IN THE TRUCKEE, CARSON, AND WALKER RIVER DRAINAGES A GOOD WATER SUPPLY THIS YEAR.

STREAMFLOW FORECASTS (1000 Ac. Ft.)

FORECAST POINT	FORECAST	% of Average	Average †
Little Truckee above Boca, Calif.	121	150	81
Truckee at Farad, Calif.	375	145	258
Lake Tahoe Rise (assuming gates closed)	1.71	123	1.39
East Carson near Gardnerville, Nevada	196	112	175
West Carson at Woodfords, Calif.	60	118	51
Carson River near Carson City, Nevada	190	115	166
Carson River near Fort Churchill, Nevada	170	113	150
East Walker near Bridgeport, Calif.	57	95	60
West Walker below Little Walker near Coleville, Calif.	150	105	143

SUMMARY of SNOW MEASUREMENTS

WATERSHED	This Years Snow as % of Average †
Tahoe	129
Truckee	147
Carson	115
Walker	99

RESERVOIR STORAGE (Thousand Acre Feet)

RESERVOIR	Capacity	This Year	Average †
Tahoe	732	560	431
Boca	41	33	11
Prosser	30	9	9*
Lahontan	286	237	217
Topaz	59	50	44
Bridgeport	42	43	34
* Adjusted average			

SUMMARY of SOIL MOISTURE

RIVER BASIN	This Years Moisture as % of Average †
Truckee	41
Carson	82
Walker	97

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
East Carson near Gardnerville, Nevada	200	7/24	7/23

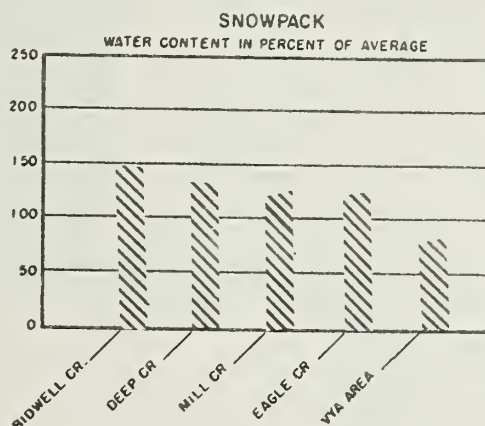
PEAK FLOWS (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Little Truckee River - Inflow to Stampede	1300-1575	902
East Fork Carson near Gardnerville, Nevada	1750-1900	1724
Carson River near Carson City, Nevada	1800-1950	1825
Carson River at Fort Churchill, Nevada	1650-1735	1678
West Walker below Little Walker near Coleville, Calif.	1500-1750	1548

† 1953-1967 period.

WATER SUPPLY OUTLOOK

FOR THE SOIL CONSERVATION DISTRICTS IN THE
SURPRISE VALLEY, CALIFORNIA,
and NORTHWEST NEVADA



THE APRIL 1, 1971, MOUNTAIN SNOWPACK RANGES FROM 130 TO 150 PERCENT OF AVERAGE THROUGHOUT THE WARNER MOUNTAINS WEST OF SURPRISE VALLEY. THE SNOWPACK EAST OF THE VALLEY IS CONSIDERABLY LESS, AT 84 PERCENT OF NORMAL. THE AREA COVERED BY THIS REPORT RECEIVED A CONSIDERABLE SNOWPACK INCREASE DURING MARCH. SNOW COURSES THAT NORMALLY RECEIVE ONE TO TWO INCHES OF PRECIPITATION DURING THE MONTH RECEIVED SIX TO NINE INCHES. THIS MOST WELCOME PRECIPITATION HAS CHANGED THE WATER SUPPLY OUTLOOK FROM BELOW NORMAL LAST MONTH TO GENERALLY ABOVE AVERAGE AT THIS TIME.

STREAMFLOW IN THE SURPRISE VALLEY AREA IS EXPECTED TO BE NEAR 140 PERCENT OF AVERAGE THIS SPRING AND SUMMER.

STREAMFLOW FORECASTS (1000 Ac. Ft.) Apr.-July

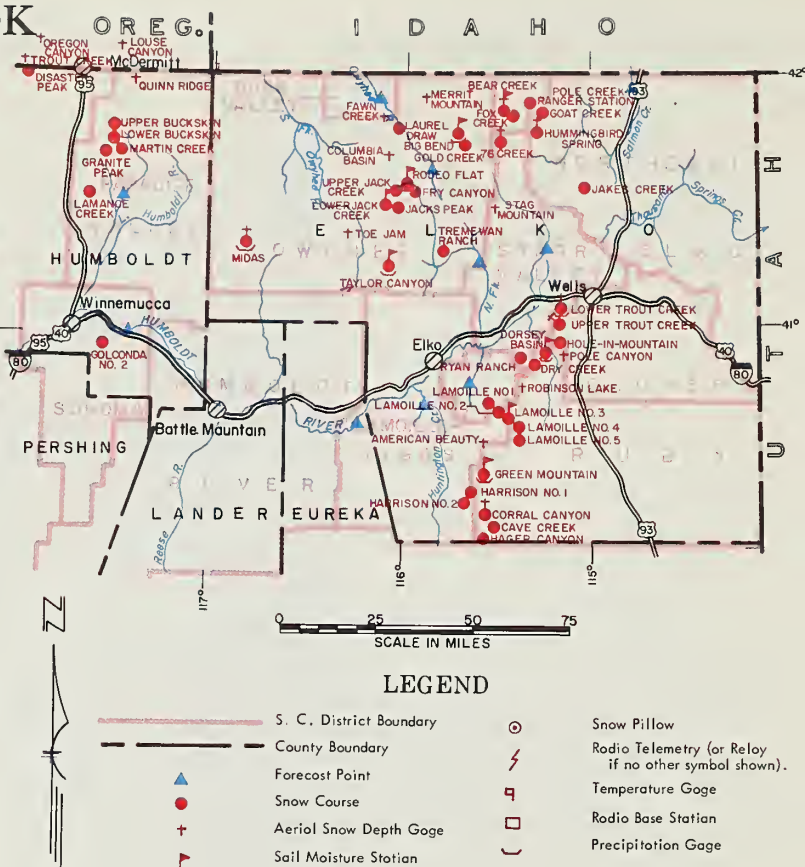
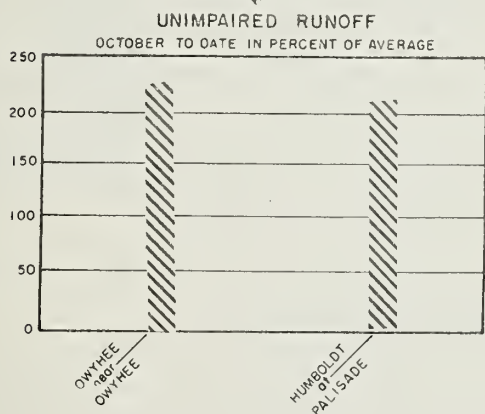
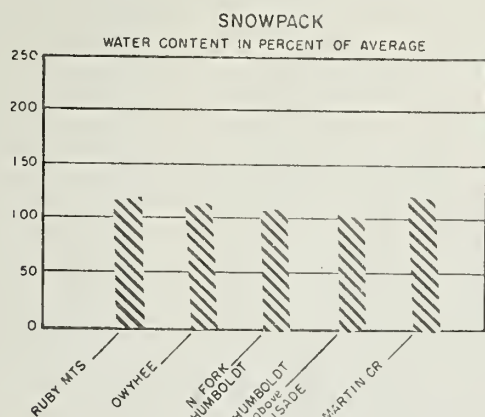
FORECAST POINT	FORE-CAST	% of Average	Average ⁺
Bidwell Creek near Fort Bidwell, Calif.	16.0	139	11.5
Deep Creek above all diversions	4.6	138	3.3
Eagle Creek at Eagleville, Calif.	6.0	139	4.3
Mill Creek above all diversions	6.7	142	4.7

SUMMARY of SNOW MEASUREMENTS

WATERSHED	This Years Snow as % of Average ⁺
Bidwell Creek	150
Deep Creek	140
Eagle Creek	131
Mill Creek	130

WATER SUPPLY OUTLOOK

FOR THE SOIL CONSERVATION DISTRICTS
IN THE
HUMBOLDT and OWYHEE WATERSHEDS



THE APRIL 1, 1971, SNOWPACK THROUGHOUT THE HUMBOLDT, OWYHEE, AND SNAKE RIVER WATERSHEDS IS ABOVE AVERAGE. SNOWFALL THIS PAST WINTER HAS BEEN VERY HEAVY ALONG THE IDAHO-OREGON-NEVADA STATELINE, TAPERING OFF TO NEAR AVERAGE IN THE RUBY RANGE SOUTH OF ELKO. THE MOUNTAIN SNOWPACK RANGES FROM 105 PERCENT OF NORMAL IN THE SOUTHERN RUBY MOUNTAINS TO 160+ PERCENT IN THE JARBIDGE MOUNTAINS.

STREAMFLOW THROUGHOUT THE UPPER HUMBOLDT AND ITS MAJOR TRIBUTARIES IS PREDICTED TO RANGE BETWEEN 108 AND 125 PERCENT OF AVERAGE THIS SUMMER. STREAMFLOW IN THE UPPER OWYHEE AND SALMON FALLS CREEK DRAINAGES IS EXPECTED TO BE CONSIDERABLY GREATER AT 150 TO 180 PERCENT OF AVERAGE.

RESERVOIR STORAGE IS EXCELLENT, WITH RYE PATCH RESERVOIR CURRENTLY STORING 190,000 ACRE-FEET, WHICH IS 225 PERCENT OF AVERAGE. THE NEW WILD HORSE RESERVOIR ALSO IS NEARING ITS 72,000 ACRE-FEET CAPACITY, WITH 62,000 ACRE-FEET OF STORED WATER.

THE ABOVE-AVERAGE WATERSHED CONDITIONS INSURE WATER USERS A VERY GOOD WATER YEAR.

STREAMFLOW FORECASTS (1000 Ac. Ft.) Apr.-July

FORECAST POINT	FORECAST	% of Average	Average [†]
Lamoille Creek near Lamoille, Nevada	28	113	25
South Fork Humboldt near Elko, Nevada	68	117	58
Marys River above Hot Springs, Nevada	35	125	28
North Fork Humboldt at Devils Gate, Nevada	28	107	26
Humboldt River at Palisade, Nevada	170	110	154
Humboldt River at Comus, Nevada	119	108	110
Martin Creek near Paradise, Nevada	16	114	14
Owyhee River near Owyhee, Nevada	91	151	60
Owyhee River near Gold Creek, Nevada	25	156	16
Salmon Falls Creek near San Jacinto, Nevada	120	180	67
March-July streamflow			

SUMMARY of SNOW MEASUREMENTS

WATERSHED	This Years Snow as % of Average [†]
Lamoille	115
South Fork Humboldt	105
North Fork Humboldt	110
Owyhee	113
Lower Humboldt	104
Martin Creek	117
Kings and Quinn Rivers	120

SUMMARY of SOIL MOISTURE

RIVER BASIN	This Years Moisture as % of Average [†]
Humboldt, North Fork	83
Humboldt, South Fork	107

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Franklin River	Excellent	Average
Kings River	Excellent	Average
Little Humboldt River	Average	Average
Quinn River	Average	Average

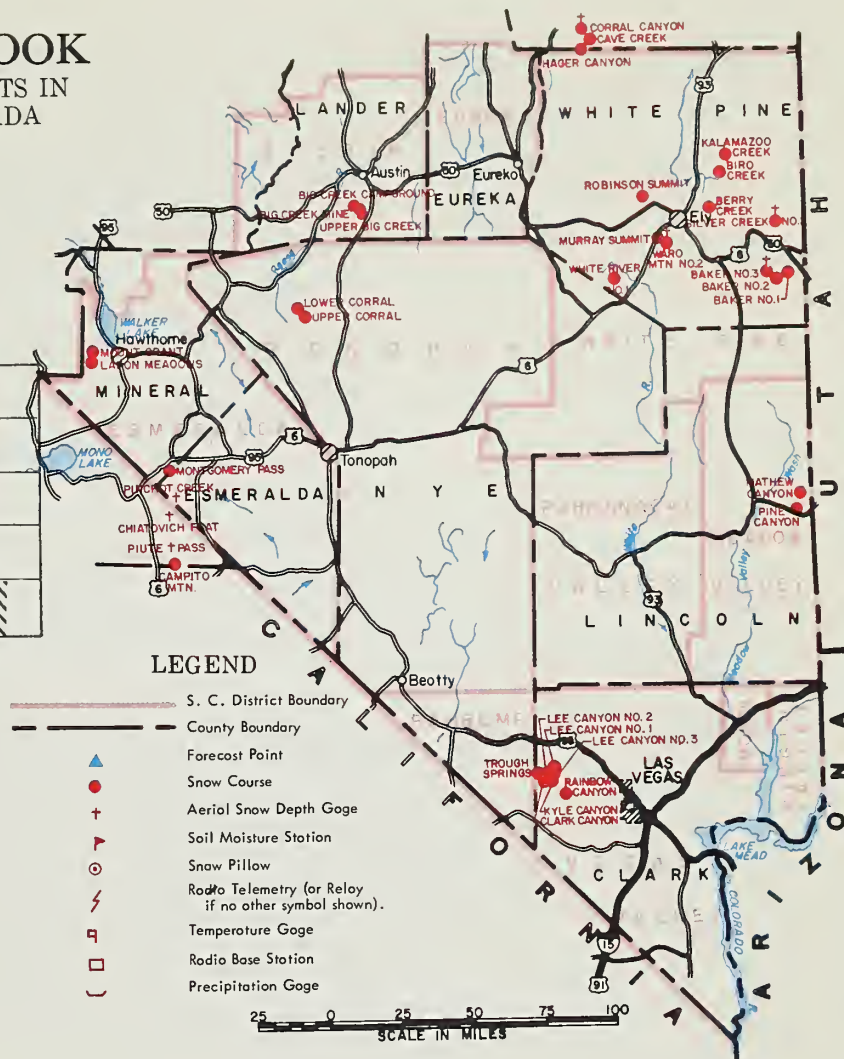
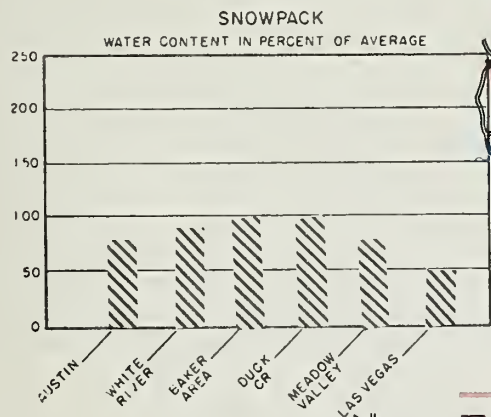
RESERVOIR STORAGE (Thousand Acre Feet)

RESERVOIR	Capacity	This Year	Average [†]
Rye Patch	179	190	84
Wild Horse	72	62	18

[†] 1953-1967 period.

WATER SUPPLY OUTLOOK

FOR THE SOIL CONSERVATION DISTRICTS IN EAST CENTRAL and SOUTHERN NEVADA



AS OF APRIL 1, 1971, THE WATER SUPPLY OUTLOOK FOR CENTRAL AND SOUTHERN NEVADA RANGES FROM NEAR NORMAL IN WHITE PINE COUNTY TO DEFICIENT IN THE FISH LAKE VALLEY AREA. THIS YEAR'S SNOWPACK WAS GENERALLY NEAR AVERAGE ON MARCH 1. THE PEAK SNOW DEPTHS OCCURRED ABOUT MARCH 1. GENERALLY, MOST OF THE SNOWPACK IN LINCOLN, CLARK, AND ESMERALDA COUNTIES WAS DEPLETED BY APRIL 1.

APRIL 1 SNOW SURVEYS IN WHITE PINE COUNTY INDICATE THAT MUCH OF THE LOWER ELEVATION SNOWPACK HAS MELTED, BUT THE HIGHER ELEVATIONS CONTINUE TO HAVE A NORMAL SNOWPACK.

WATER SUPPLIES IN WHITE PINE COUNTY SHOULD BE NEAR NORMAL THIS SPRING AND EARLY SUMMER. SURFACE WATER SUPPLIES FOR THE REMAINDER OF THE AREA COVERED BY THIS REPORT WILL BE GENERALLY FAIR. THESE SUPPLIES CONSIST OF THE SMALL, CANYON-TYPE, STREAMS.

STREAMFLOW FORECASTS (1000 Ac. Ft.) Apr. - June

SUMMARY of SNOW MEASUREMENTS

FORECAST POINT	FORECAST	% of Average	Average ⁺
Virgin River at Virgin, Utah	34	89	38

WATERSHED	This Years Snow as % of Average ⁺
Duck Creek	98
Fish Lake Valley	20
Meadow Valley Wash	75*
Mt. Charleston Area	51
Reese River	87*
* As of March 1. Snowpack currently depleted.	

RESERVOIR STORAGE (Thousand Acre Feet)

RESERVOIR	Capacity	This Year	Average ⁺
Mohave	1,810	1,666	1,695
Mead	27,217	16,289	16,070

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Baker Creek	Average	Average
Duck Creek	Average	Average
Silver Creek	Average	Average
Meadow Valley Wash	Fair	Fair
White River	Average	Fair
Reese River	Fair	Fair

Agencies Cooperating in Collecting Data Contained in this Bulletin

FEDERAL

- Agricultural Research Service
- Bureau of Reclamation
- Fish and Wildlife Service
- Forest Service
- Geological Survey
- Navy
- Soil Conservation Service
- U. S. District Court - Federal Water Master
- Weather Bureau

STATE

- California Cooperative Snow Surveys
- California Department of Parks and Recreation
- California Department of Water Resources
- Colorado River Commission of Nevada
- Idaho Cooperative Snow Surveys
- Nevada Association of Soil Conservation Districts
- Nevada Department of Conservation & Natural Resources:
 - Division of Water Resources
 - Nevada State Forester
- Oregon Cooperative Snow Surveys
- Utah Cooperative Snow Surveys
- White Mountain Research Station, Univ. of California

PRIVATE

- Amalgamated Sugar Company
- Kennecott Copper Corporation
- Nevada Irrigation District
- Owyhee Project North Board of Control
- Owyhee Project South Board of Control
- Pacific Gas and Electric Company
- Pershing County Water Conservancy District
- Sierra Pacific Power Company
- Truckee-Carson Irrigation District
- Walker River Irrigation District
- Washoe County Water Conservancy District

Other organizations and individuals furnish valuable information for the snow survey reports. Their Cooperation is gratefully acknowledged.

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SOIL CONSERVATION SERVICE
P.O. Box 4850

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mining and industry

*"The Conservation of Water begins
with the Snow Survey"*